

Remarks

Interview Summary

A copy of the current correspondence was provided to the Examiner as a proposed Amendment to be discussed in an interview held on Friday, October 24, 2008. During that interview, Examiner King and the undersigned agreed that the Amendment was accurate and improved the clarity of the claims. Examiner King stated that the proposed amendment would be entered if submitted by Applicant. Applicant thanks Examiner King for her time and help in discussing this Amendment.

The Amended Claims

Claims 2-13 are pending in the application. The Examiner has allowed claims 2-13. Claim 2 was allowed based on an Examiner's Amendment that was approved by Applicant. Applicant has amended allowed claim 2 to make the allowed claim more clear. The amended claim 2 is not broader or narrower than the initially allowed claim 2.

Applicant has also amended other claims to improve the clarity of those claims.

If the amendment is entered, the allowed claims would read as follows:

1. A mechanical arm, comprising:
 - a base;
 - a first linkage pivotally attached to said base at a first pivot, said first pivot comprising a first axle;
 - a second linkage pivotally attached to said first linkage at a second pivot, said second pivot comprising a second axle;
 - a first spring attached between an anchor point defined on said first linkage and said first pivot;

a second spring attached between an anchor point defined on said second linkage and said second pivot;

a first ring disposed around said first axle, said first spring attached to said first ring; and a second ring disposed around said second axle, said second spring attached to said second ring.

2. The arm of Claim 1 further comprising a cable disposed around said first ring and said second ring such that movement of said first linkage about said first pivot causes said second ring to rotate about said second axle such as to keep a relative position of said second ring with respect to a horizontal plane constant.

3. The arm of Claim 2 wherein said first ring is unable to rotate with respect to a horizontal reference

4. The arm of Claim 3 wherein said springs are attached to said pivot points via a hole disposed in said rings.

5. The arm of Claim 3 further comprising:
a first cable attached at a first end to said first spring, a second end of said first cable wrapped around and unmoveably attached to said first ring, said second end of said first cable opposite said first end of said first cable; and

a second cable attached at a first end to said second spring, a second end of said second cable wrapped around and unmoveably attached to said second ring, said second end of said second cable opposite said first end of said second cable.

6. The arm of Claim 1 wherein said first axle and said second axle are hollow.
7. The arm of Claim 3 wherein said base and a first end of said first linkage are rotatably attached to said first axle and further wherein a second end of said first linkage and a first end of said second linkage are rotatably attached to said second axle.
8. The arm of Claim 3 wherein said first and said second springs and said first and said second rings are hidden from view within said first and said second linkages.
9. The arm of Claim 7 further comprising an apparatus, said apparatus being rotatably attached to a second end of said second linkage.
10. The arm of Claim 9 wherein said apparatus is selected from a group consisting of a lamp, a computer monitor, a lab instrument and a microphone.
11. The arm of Claim 9 further comprising an electrical cord for providing electrical power to said attachment, said electrical cord being channeled around said second pivot and wherein said electrical cord has a coiled portion disposed in said first linkage, such that movement of said second linkage with respect to said first linkage cause said coiled portion of said electrical cord to expand and contract.
12. The arm of claim 8 wherein said linkages are constructed of a material selected from a group consisting of metal and plastic.

The Applicant respectfully requests that amendments to the allowed claims be entered.
Should the Examiner have any questions regarding this application or this amendment, the
Examiner should not hesitate to contact the Applicant's attorney listed below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Ralph G. Fischer".

Ralph G. Fischer
Reg. No. 55,179
Carla J. Vrsansky
Reg. No. 36,958
Attorneys for the Applicants
Buchanan Ingersoll & Rooney P.C.
One Oxford Centre, 20th Floor
Pittsburgh, PA 15219
Voice: 412-392-2121
Fax: 412-562-1041